

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/580,302  
Source: IFWP  
Date Processed by STIC: 06/07/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,302

TIME: 10:50:35

Input Set : A:\51530-5011-WO Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580302.raw

```

3 <110> APPLICANT: TRANSMOLECULAR, INC.
4      Gonda, Matthew A
5      Alvarez, Vernon L
6      Grimes, Carol A
8 <120> TITLE OF INVENTION: Treatment of Phosphatidylinositol Phospholipid Disorders
10 <130> FILE REFERENCE: 51530-5011WO
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/580,302
C--> 13 <141> CURRENT FILING DATE: 2006-05-23
15 <150> PRIOR APPLICATION NUMBER: US 60/524884
16 <151> PRIOR FILING DATE: 2003-11-26
18 <160> NUMBER OF SEQ ID NOS: 9
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 36
24 <212> TYPE: PRT
25 <213> ORGANISM: Leiurus quinquestriatus
27 <400> SEQUENCE: 1
29 Met Cys Met Pro Cys Phe Thr Thr Asp His Gln Met Ala Arg Lys Cys
30 1      5      10      15
33 Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly Lys Cys Tyr Gly Pro Gln
34      20      25      30
37 Cys Leu Cys Arg
38      35
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 42
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Peptide
49 <400> SEQUENCE: 2
51 His His His His His His Met Cys Met Pro Cys Phe Thr Thr Asp His
52 1      5      10      15
55 Gln Met Ala Arg Lys Cys Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly
56      20      25      30
59 Lys Cys Thr Gly Pro Gln Cys Leu Cys Arg
60      35      40
63 <210> SEQ ID NO: 3
64 <211> LENGTH: 37
65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Peptide
71 <400> SEQUENCE: 3

```

## RAW SEQUENCE LISTING

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,302

TIME: 10:50:36

Input Set : A:\51530-5011-WO Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580302.raw

```

73 Tyr Met Cys Met Pro Cys Phe Thr Thr Asp His Gln Met Ala Arg Lys
74 1          5          10          15
77 Cys Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly Lys Cys Tyr Gly Pro
78          20          25          30
81 Gln Cys Leu Cys Arg
82          35
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 39
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Peptide
93 <400> SEQUENCE: 4
95 Tyr Ser Tyr Met Cys Met Pro Cys Phe Thr Thr Asp His Gln Met Ala
96 1          5          10          15
99 Arg Lys Cys Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly Lys Cys Tyr
100          20          25          30
103 Gly Pro Gln Cys Leu Cys Arg
104          35
107 <210> SEQ ID NO: 5
108 <211> LENGTH: 36
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Peptide
115 <400> SEQUENCE: 5
117 Met Cys Met Pro Cys Phe Thr Thr Asp His Gln Met Ala Arg Lys Cys
118 1          5          10          15
121 Asp Asp Cys Cys Gly Gly Lys Gly Arg Gly Lys Cys Phe Gly Pro Gln
122          20          25          30
125 Cys Leu Cys Arg
126          35
129 <210> SEQ ID NO: 6
130 <211> LENGTH: 35
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Peptide
137 <400> SEQUENCE: 6
139 Arg Cys Lys Pro Cys Phe Thr Thr Asp Pro Gln Met Ser Lys Lys Cys
140 1          5          10          15
143 Ala Asp Cys Cys Gly Gly Lys Gly Lys Gly Lys Cys Tyr Gly Pro Gln
144          20          25          30
147 Cys Leu Cys
148          35
151 <210> SEQ ID NO: 7
152 <211> LENGTH: 38
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence

```

## RAW SEQUENCE LISTING

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,302

TIME: 10:50:36

Input Set : A:\51530-5011-WO Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580302.raw

156 &lt;220&gt; FEATURE:

157 &lt;223&gt; OTHER INFORMATION: Peptide

159 &lt;400&gt; SEQUENCE: 7

161 Arg Cys Ser Pro Cys Phe Thr Thr Asp Gln Gln Met Thr Lys Lys Cys

162 1 5 10 15

165 Tyr Asp Cys Cys Gly Gly Lys Gly Lys Gly Lys Cys Tyr Gly Pro Gln

166 20 25 30

169 Cys Ile Cys Ala Pro Tyr

170 35

173 &lt;210&gt; SEQ ID NO: 8

174 &lt;211&gt; LENGTH: 10

175 &lt;212&gt; TYPE: PRT

176 &lt;213&gt; ORGANISM: Artificial Sequence

178 &lt;220&gt; FEATURE:

179 &lt;223&gt; OTHER INFORMATION: Peptide

181 &lt;400&gt; SEQUENCE: 8

183 Lys Gly Arg Gly Lys Cys Tyr Gly Pro Gln

184 1 5 10

187 &lt;210&gt; SEQ ID NO: 9

188 &lt;211&gt; LENGTH: 9

189 &lt;212&gt; TYPE: PRT

190 &lt;213&gt; ORGANISM: Artificial Sequence

192 &lt;220&gt; FEATURE:

193 &lt;223&gt; OTHER INFORMATION: Peptide

195 &lt;400&gt; SEQUENCE: 9

197 Thr Asp His Gln Met Ala Arg Lys Cys

198 1 5

**VERIFICATION SUMMARY**

DATE: 06/07/2006

PATENT APPLICATION: US/10/580,302

TIME: 10:50:37

Input Set : A:\51530-5011-WO Sequence Listing.txt

Output Set: N:\CRF4\06072006\J580302.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date